

Title (en)
Outsole tread pattern

Title (de)
Profilmuster für Außensohle

Title (fr)
Motif de bande de semelle

Publication
EP 2449906 B1 20180822 (EN)

Application
EP 11187805 A 20111104

Priority
US 94012610 A 20101105

Abstract (en)
[origin: EP2449906A2] A footwear sole includes an upper surface and a lower surface. The lower surface includes a plurality of tread members formed thereon. The tread members include a plurality of projections or lugs of various sizes and shapes which are grouped together into specific patterns. The material from which the projections are formed increases the shoe sole's ability to resist slipping on floor surfaces which are covered with oil, water, soap, etc. The shape and pattern of the projections or lugs enable them to resist flexing and disengaging the floor surface. This increases the footwear sole's ability to resist slipping.

IPC 8 full level
A43B 13/22 (2006.01)

CPC (source: EP KR US)
A43B 13/14 (2013.01 - KR); **A43B 13/22** (2013.01 - KR); **A43B 13/223** (2013.01 - EP US)

Cited by
EP2984959A4; GB2518445A; US10004294B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2449906 A2 20120509; EP 2449906 A3 20130306; EP 2449906 B1 20180822; CN 102450773 A 20120516; CN 108209031 A 20180629; JP 2012101057 A 20120531; JP 5965130 B2 20160803; KR 102046176 B1 20191118; KR 20120048496 A 20120515; SG 180151 A1 20120530; TW 201230975 A 20120801; TW I573536 B 20170311; US 2012110876 A1 20120510; US 8322050 B2 20121204

DOCDB simple family (application)
EP 11187805 A 20111104; CN 201110347719 A 20111107; CN 201810154583 A 20111107; JP 2011241448 A 20111102; KR 20110113647 A 20111103; SG 2011080645 A 20111102; TW 100140089 A 20111103; US 94012610 A 20101105